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Form PTO 1449 US Department of Commerce Patent and Trademark Office DEC 26 2001 INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY DOCKET NO: P-AR 4802	SERIAL NO: 09/942,098
	APPLICANT: Steward et al.	
	FILING DATE: August 28, 2001	GROUP: 1645

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### U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>mm</i>	5,965,699	10/12/1999	Schmidt and Bostian	530	326	11/06/1996
<i>mm</i>	5,989,545	11/23/1999	Foster et al.	424	183.1	04/16/1996
<i>mm</i>	5,962,637	10/05/1999	Shone et al.	530	329	12/03/1996
<i>mm</i>	5,981,200	11/09/1999	Tsien et al.	435	7.4	01/31/1997
<i>mm</i>	6,043,042	03/28/2000	Shone et al.	435	7.1	01/30/1998

### FOREIGN PATENT DOCUMENTS

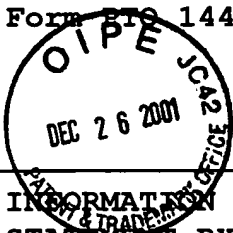
EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANS- LATION YES/NO
<i>mm</i>	WO 95/33850	12/14/1995	PCT			










### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

<i>mm</i>	Anne et al., "High-Throughput Fluorogenic Assay for Determination of Botulinum Type B Neurotoxin Protease Activity," <u>Analytical Biochemistry</u> 291:253-261 (2001)
<i>mm</i>	Clegg, "Fluorescence Resonance Energy Transfer," <u>Current Opinion in Biotechnology</u> 6:103-110 (1995)

EXAMINER <i>N. M. Kingfield</i>	DATE CONSIDERED 9/28/03
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	Cornille et al., "Solid-Phase Synthesis, Conformational Analysis and <i>In Vitro</i> Cleavage of Synthetic Human Synaptobrevin II 1-93 by Tetanus Toxin L Chain," <u>Eur. J. Biochem.</u> 222:173-181 (1994)
	Ekong et al., "Recombinant SNAP-25 is an Effective Substrate for <i>Clostridium botulinum</i> Type A Toxin Endopeptidase Activity <i>in vitro</i> ," <u>Microbiology</u> 143:3337-3347 (1997)
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	Hallis et al., "Development of Novel Assays for Botulinum Type A and B Neurotoxins Based on Their Endopeptidase Activities," <u>J. Clin. Microbiol.</u> 34:1934-1938 (1996)
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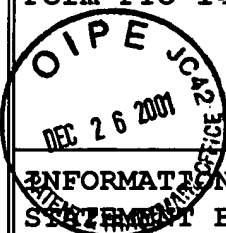
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<i>MM</i>	Holskin et al., "A Continuous Fluorescence-Based Assay of Human Cytomegalovirus Protease Using a Peptide Substrate," <u>Analytical Biochemistry</u> 226:148-155 (1995)
<i>MM</i>	Humeau et al., "How Botulinum and Tetanus Neurotoxins Block Neurotransmitter Release," <u>Biochimie</u> 82:427-446 (2000)
<i>MM</i>	Kakiuchi et al., "A High Throughput Assay of the Hepatitis C Virus Nonstructural Protein 3 Serine Proteinase," <u>Journal of Virological Methods</u> 80:77-84 (1999)
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<i>MM</i>	Lacy et al., "Crystal Structure of Botulinum Neurotoxin Type A and Implications for Toxicity," <u>Nature Structural Biology</u> 5:898-902 (1998)
<i>MM</i>	Le Bonniec et al., "Characterization of the P <sub>2</sub> ' and P <sub>3</sub> ' Specificities of Thrombin Using Fluorescence-Quenched Substrates and Mapping of the Subsites by Mutagenesis," <u>Biochemistry</u> 35:7114-7122 (1996)
<i>MM</i>	Matayoshi et al., "Novel Fluorogenic Substrates for Assaying Retroviral Proteases by Resonance Energy Transfer," <u>Science</u> 247:954-958 (1990)
<i>MM</i>	Matsumoto et al., "A High-Throughput Screening Utilizing Intramolecular Fluorescence Resonance Energy Transfer for the Discovery of the Molecules that Bind HIV-1 TAR RNA Specifically," <u>Bioorganic &amp; Medicinal Chemistry Letters</u> 10:1857-1861 (2000)
<i>MM</i>	Mahajan et al., "Novel Mutant Green Fluorescent Protein Protease Substrates Reveal the Activation of Specific Caspases During Apoptosis," <u>Chemistry &amp; Biology</u> 6:401-409 (1999)

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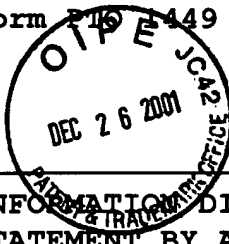
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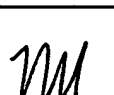

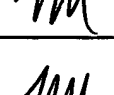
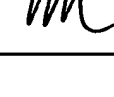
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<i>M</i>	Montecucco and Schiavo, "Structure and Function of Tetanus and Botulinum Neurotoxins," <u>Quarterly Reviews of Biophysics</u> 28:423-472 (1995)
<i>M</i>	Niemann et al., "Clostridial Neurotoxins: New Tools for Dissecting Exocytosis," <u>Trends in Cell Biology</u> 4:179-185 (1994)
<i>M</i>	Olsen et al., "High-throughput Screening of Enzyme Libraries," <u>Curr. Opin. Biotechnol.</u> 11:331-337 (2000)
<i>M</i>	Pellizzari et al., "Tetanus and Botulinum Neurotoxins: Mechanism of Action and Therapeutic Uses," <u>Phil. Trans. R. Soc. Lond.</u> 354:259-268 (1999)
<i>M</i>	Rossetto et al., "Tetanus and Botulinum Neurotoxins: Turning Bad Guys Into Good by Research," <u>Toxicon</u> 39:27-41 (2001)
<i>M</i>	Schmidt et al., "Type A Botulinum Neurotoxin Proteolytic Activity: Development of Competitive Inhibitors and Implications for Substrate Specificity at the S <sub>1</sub> ' Binding Subsite," <u>FEBS Lett.</u> 435:61-64 (1998)
<i>M</i>	Schmidt and Bostian, "Proteolysis of Synthetic Peptides by Type A Botulinum Neurotoxin," <u>Journal of Protein Chemistry</u> 14:703-708 (1995)
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<i>M</i>	Selvin, "The Renaissance of Fluorescence Resonance Energy Transfer," <u>Nature Structural Biology</u> 7:730-734 (2000)
<i>M</i>	Shone et al., "Proteolytic Cleavage of Synthetic Fragments of Vesicle-Associated Membrane Protein, Isoform-2 by Botulinum Type B Neurotoxin," <u>Eur. J. Biochem.</u> 217:965-971 (1993)

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	Sittampalam et al., "High-Throughput Screening: Advances in Assay Technologies," <u>Current Opinion in Chemical Biology</u> 1:384-391 (1997)
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	Tawa et al., "Quantitative Analysis of Fluorescent Caspase Substrate Cleavage in Intact Cells and Identification of Novel Inhibitors of Apoptosis," <u>Cell Death and Differentiation</u> 8:30-37 (2001)
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	Wu and Brand, "Resonance Energy Transfer: Methods and Applications," <u>Analytical Biochemistry</u> 218:1-13 (1994)
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